Preface

ICTERI, the *International Conference on Information and Communication Technologies in Education, Research, and Industrial Applications: Integration, Harmonization, and Knowledge Transfer*, has become a considerable and stable international ICT conference. It is a real pleasure for all ICTERI players, that in contrast to 2014, the 11th edition could bring scholars and expert representatives physically together again for exchanging and discussing new ideas and findings, and for networking across all political borders. This is all the more pleasing as, despite of all current challenges, the Ukrainian ICT community proves its vigor and global integration.

We gladly present you the proceedings of ICTERI 2015, which was held in Lviv, Ukraine, on May 14-16, 2015. The conference scope was determined by the cornerstones of *ICT Infrastructures and Techniques*, *Knowledge Based Systems*, *Academia/Industry ICT Cooperation*, and *ICT in education*. Special emphasis was given to real world applications of ICT solutions. Therefore, the contributions had to describe original, not previously published work, and to demonstrate how and to what purpose and extent the proposed solutions are applied or transferred into use.

For the main conference, 42 full papers were submitted and evaluated by at least three peers per paper. Finally, 16 have been selected and accepted after revision in accordance with the reviewers comments. This corresponds to an acceptance rate of 38%. The program was rounded off with the two outstanding keynote talks on *Rigorous Semantics and Refinement for Business Processes* by Klaus-Dieter Schewe and on *Smart Learning Environments: a Shift of Paradigm* by David Esteban. The tutorial on *Systematic Business Process Modeling in a Nutshell* by Heinrich C. Mayr complemented the program, in particular regarding the emphasis on the synergy of education and industrial applications.

ICTERI 2015 continued the tradition of hosting co-located events, this year by offering four workshops:
− 4th Int. Workshop on Information technologies in economic research (ITER 2015)
− 3rd Int. Workshop on Methods and Resources for Distance Learning (MRDL 2015)
− 4th Int. Workshop on Algebraic, Logical, and Algorithmic Methods of System Modeling, Specification and Verification (SMSV 2015)
− Int. Workshop on Theory of Reliability for Modern Information Technologies (TheRMIT 2015)

In total, these workshops attracted 77 submissions, from which 29 were selected by the particular program committees. This again led to an acceptance rate of 38%.

Clearly, the conference would not have been possible without the engaged support of many people including the authors, members of our Program Committee, workshop organizers and their program committees, local organizers, and, last but not least, generous donators. We express our special thanks to all of them.

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